

Date: Mon, 9 May 94 10:28:56 PDT  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V94 #506  
To: Info-Hams

Info-Hams Digest                      Mon, 9 May 94                      Volume 94 : Issue 506

Today's Topics:

(none)  
\*\* New Ham Radio BBS \*\*  
10M beacon  
30Mhz - 40Mhz range, who uses it? (2 msgs)  
<< Looking for Ham cdrom disk for BBS >>  
Cruise Ships  
digital speech transmission for HAMs?  
FCC computers  
Help with Homemade Capacitors  
Licencing cost (was: Canadian Reciprocity)  
Looking for "SuperMorse"  
personal autopatch calls (3 msgs)  
Sick Ham  
Speaker-Mics for Kenwood HTs (advice wanted)  
Was this a bad idea?

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

-----  
Date: 9 May 94 13:00:22 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: (none)  
To: info-hams@ucsd.edu  
  
To: info-hams@UCSD.Edu  
Subject: Re: Butternut HF6V info...  
Subject: Butternut HF6V info...

News-Software: UReply 3.1

I just purchased an HF6V without any documentation. Is there someone out there that would be willing to make a copy available to me?

73 de N1PBT...ron

Ron Rossi

```
/=====/  
/ IBM Microelectronics      Internet:  rrossi@vnet.ibm.com  /  
/ H/P ASIC SRAM Design     VNET:    RROSSI at BTVLABVM   /  
/ Dept N93 Bldg 861-2       Voice:   802/769-7477        /  
/ 1000 River Road          RF:      N1PBT/AE             /  
/ Essex Junction, VT 05452-4299                          /  
/                                                                    /  
/ "I work for IBM, I don't represent its views!"          /  
/                                                                    /  
/=====/
```

-----  
Date: 9 May 94 15:47:41 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: \*\* New Ham Radio BBS \*\*  
To: info-hams@ucsd.edu

Warmest Greetings,

Just some information for Phoneline BBS users out there. There is a new BBS in Sudbury, Ontario, Canada which supports 14.4 baud- 705-522-8381. Along with files it also has Ham echoes for people to write into. As of yet this phone line BBS is not connected to Packet. Try it out and let me know what you think, Thanks,

73's de Guy VE3 XGQ  
Co-Sysop of the Sudbury Amateur Radio BBS  
Fidonet address 1:224/50

-----  
Date: 7 May 94 17:51:37 GMT  
From: agate!howland.reston.ans.net!pipex!sunic!news.funet.fi!nntp.hut.fi!  
vipunen.hut.fi!jsi@ucbvax.berkeley.edu  
Subject: 10M beacon  
To: info-hams@ucsd.edu

Jeff NH6IL writes:

>Back to radio: Does anyone know if there is an international coordinating  
>body for 10M beacons?

You can contact Martin Harrison G3USF, e-mail: poa01@keele.ac.uk  
He is the HF-beacon coordinator in IARU Region 1. I'm not sure who are the  
coordinators in other regions but these things are more or less global.

HF-beacon list by G3USF (March '94) is available via ftp at ftp.funet.fi:  
/pub/ham/freq-lists/beacons/bcn\_ww.hf

Jukka OH6DD

-----  
Date: Mon, 09 May 1994 08:12:03 -0500  
From: psinnntp!pbs.org!jernandez.pbs.org!user@uunet.uu.net  
Subject: 30Mhz - 40Mhz range, who uses it?  
To: info-hams@ucsd.edu

In article <1994May09.054902.132266@zeus.aix.calpoly.edu>,  
shawkins@harp.aix.calpoly.edu (Stuart Hawkins) wrote:

> Does anyone know who/what uses the 30Mhz to 40Mhz frequency range?  
> I have a European 35Mhz transmitter for my RC aircraft.  
> I would like to know if it's safe to use it in the States.  
> Does anything conflict? Military possibly?  
>  
> Thanks,  
>  
> Stuart

This frequency range is still used by volunteer fire and rescue squads in  
rural areas. And MOST IMPORTANTLY by STATE POLICE AGENCIES. While some  
states, like VA, have moved their SPD to 159 MHz, there are still a good  
deal of frequencies and states using the 30 MHz band.

--

John J. Ernandez  
Communication Systems Engineer  
Public Broadcasting Service

E-Mail jernandez@pbs.org      Member:PRR Technical & Historical Society  
Phone: 703-739-5474              Southern Railway Historical Association  
Amateur Radio: KA2YAP

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Date: Mon, 9 May 1994 14:55:25 GMT  
From: ihnp4.ucsd.edu!sdd.hp.com!col.hp.com!csn!cherokee!walter!  
dancer.cc.bellcore.com!not-for-mail@network.ucsd.edu  
Subject: 30Mhz - 40Mhz range, who uses it?  
To: info-hams@ucsd.edu

In article <1994May09.054902.132266@zeus.aix.calpoly.edu>,  
Stuart Hawkins <shawkins@harp.aix.calpoly.edu> wrote:  
>Does anyone know who/what uses the 30Mhz to 40Mhz frequency range?  
>I have a European 35Mhz transmitter for my RC aircraft.  
>I would like to know if it's safe to use it in the States.  
>Does anything conflict? Military possibly?

First point: Even if the frequencies you ask about are not being  
used, you'll be violating FCC rules using 35MHz for radio control  
anywhere in the United States.

The 30-40MHz band is populated by all types of users, police,  
fire departments, first aid, and other "land mobile" users.

Standard Disclaimer- Any opinions, etc. are mine and NOT my employer's.

-----  
Bill Sohl (K2UNK) BELLCORE (Bell Communications Research, Inc.)  
Morristown, NJ email via UUCP bcr!cc!whs70  
201-829-2879 Weekdays email via Internet whs70@cc.bellcore.com

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Date: 9 May 94 15:52:04 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: << Looking for Ham cdrom disk for BBS >>  
To: info-hams@ucsd.edu

Warmest Greetings,

I'm looking for a CDROM disk that can be used in a BBS that is  
Ham related. I have heard of the BUCKMASTER cdrom but I know nothing else  
about it. Could someone please help, Thanks

73's de Guy VE3 XGQ

-----  
Date: 9 May 94 14:02:04 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: Cruise Ships  
To: info-hams@ucsd.edu

Tnx info Marty. Guess with all the complications on trying to operate from a cruise ship, the only alternatives are write a letter and hope you are allowed to possibly use their antennas or maybe best to forget about it and catch up on the hamming when I get home...

73's Evert WA50JI

-----  
Date: 9 May 94 17:25:24 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: digital speech transmission for HAMS?  
To: info-hams@ucsd.edu

Text item: Text\_1

>But nevertheless it must be possible to use digital voice over  
>a 10 kHz FM channel. Gerrit, PA3BYA.

It is entirely possible but why bother if one QSO still takes up one whole repeater? The problem with digital voice on existing repeaters is that it is not as good as NBFM yet. The strongest signal on a repeater input will capture the receiver shutting out weaker signals. Thus you only get one conversation possible at a time with digital voice, just like now. I have had 4800 bps digital voice running, but it is not as good as NBFM. And increasing the bps rate to get better voice reproduction just widens the bandwidth required to more than NBFM requires.

Presently, for the same fidelity over the same bandwidth, NBFM is better than digital voice. The problem is a lot worse on HF where we are limited by silly rules to 300 bps max.

73, KG7BK, CecilMoore@Delphi.com (I do not speak for Intel)

-----  
Date: Thu, 5 May 1994 03:13:49 GMT  
From: ihnp4.ucsd.edu!library.ucla.edu!europa.eng.gtefsd.com!darwin.sura.net!perot.mtsu.edu!raider!theporch!jackatak!root@network.ucsd.edu  
Subject: FCC computers  
To: info-hams@ucsd.edu

cravitma@cps.msu.edu (Matthew B Cravit) writes:

> On 25 Apr 1994 16:10:44 GMT, strange alien beings caused Bill Gunshannon (bil  
> > In article <1994Apr25.141334.26398@mixcom.mixcom.com>, kevin jessup <kevin.  
> > |> BTW, what kind of computer are they running over in Gettysburg?  
>

That comment isn't really worthy of a response, since all the 1100/2200 systems I worked on would easily BURY an MVS box...but how hard would that be? ;^)

> because the FCC is junking their Sperry and moving to a PC LAN this  
> month (supposedly electronic filing by the VECs will then be possible  
> by the end of June).

Oh well. I do hope electronic filing happens before the 1997 WARC... but you'll turn blue if you hold your breath... making a PC LAN actually work is no trivial event...

Jack, W4PPT/Mobile (75M SSB 2-letter WAS #1657 -- all from the mobile! ;^)

-----

I have made numerous caps for different purposes, like Tesla coil etc.

General formula is  $C = \epsilon A/d$   
where  $\epsilon$ =dielectric constant  
A=area of foil  
d=thickness of the glass

$\epsilon$  for iron-sealing glass is 8.3  
 $\epsilon$  for soda borosilicate is 4.8  
 $\epsilon$  for 100% silicon dioxide is 3.8

Dielectric strength for std.glass is about 10kV/mm

If you send me measures of your cap I will be more specific.

from the log of AA6AD

-----  
Date: Mon, 9 May 1994 12:53:24 GMT  
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!torn!nott!cunews!  
freenet.carleton.ca!FreeNet.Carleton.CA!ae517@network.ucsd.edu  
Subject: Licencing cost (was: Canadian Reciprocity)  
To: info-hams@ucsd.edu

In a previous article, rwa@aupair.cs.athabascau.ca (Ross Alexander) says:  
>  
>Our licenses are lifetime, too. It's the \*station\* license that costs \$26  
>per annum.

No, it's your "certificate of proficiency" that does not expire.

BTW, my station licence cost \$24.00 to renew this year. I think that that  
some commercial people (boaters and such) pay \$26.00 for their station  
licence.

>  
>regards,  
>Ross ve6pdq

vy 73  
Russ va3rr/aa8lu  
--

-----  
Date: Mon, 9 May 94 13:52:49 GMT  
From: ihnp4.ucsd.edu!usc!math.ohio-state.edu!darwin.sura.net!udel!  
news2.sprintlink.net!news.sprintlink.net!dg-rtp!ripav33!starling@network.ucsd.edu  
Subject: Looking for "SuperMorse"

To: info-hams@ucsd.edu

My father is looking for a DOS program called "SuperMorse", or at least that's what he thinks the name is. It's supposed to help you study the morse code, generate test for the different license classes, etc. Does anyone know where I can pull this off the internet, or where it can be purchased, if it indeed does exist. thanks

--

-----END OF MAIN MESSAGE-----

Johnny R. Starling

UNIX Release Integration

Internet: starling@dg-rtp.dg.com

Data General Corporation

UUCP: {world}!mcnc!rti!dg-rtp!starling

Research Triangle Park, NC

Phone: (919)248-5962

Date: Sun, 8 May 1994 13:36:14 +0000

From: ihnp4.ucsd.edu!usc!math.ohio-state.edu!news.acns.nwu.edu!uicvm.uic.edu!

dave@network.ucsd.edu

Subject: personal autopatch calls

To: info-hams@ucsd.edu

In article <768151942.AA01667@rochgte.fidonet.org>

Brad.Ward@f2711.n206.z1.fidonet.org (Brad Ward) writes:

> >I read recently that the FCC ruled that it is now permissable to make  
> personal  
> >calls via autopatch to conduct personal tasks such as making a doctors or  
> >dentists appointment. Can anyone out there answer the following:  
>  
> It's nice to have, but I wonder why anyone would use the autopatch  
> to make doctors or dentists appointments.  
>  
> ... Take my advice, I don't use it anyway.

Your advice SUCKS. What in the world is the autopatch for? WRONG.

Whatever YOU answered, its WRONG. Thats because whatever I DECIDE to use it for I CAN use it for (within the law). Why should the law limit it to, essentially, anything but running a business on ham radio, and then an idiot like you come along and LIMIT IT FURTHER, to WHATEVER YOU FEEL is 'inappropriate'????????

We dont need bully channel-cops like you around. Go beat your kids into submission again and get the hell off this newsgroup. We already have part 97 and its QUITE CLEAR on what it allows and doesnt allow, and the intent of the latest change was CLEARLY to ALLOW amateurs to do things like order pizzas and make dentist appointments on the patch. The economics of patches in areas where each call costs money dictates



the use of the patch only when necessary... in areas where all local calls are free, IT DOESNT. So, USE THE PATCH WHENEVER YOU FEEL LIKE IT, HAMS.. Just stay within the LAW, not the holier-than-thou ideals of no-brain OLD FARTS like THIS GUY!!!!

-----  
Date: Mon, 9 May 1994 14:21:34 GMT  
From: ihnp4.ucsd.edu!sdd.hp.com!col.hp.com!news.dtc.hp.com!hplextra!hplb!hpwin055.uksr!hpqmoea!dstock@network.ucsd.edu  
Subject: personal autopatch calls  
To: info-hams@ucsd.edu

ham this. (Dave@harvard.edu) wrote:

: In article <768151942.AA01667@rochgte.fidonet.org>  
: Brad.Ward@f2711.n206.z1.fidonet.org (Brad Ward) writes:

: > >I read recently that the FCC ruled that it is now permissable to make  
: > personal  
: > >calls via autopatch to conduct personal tasks such as making a doctors or  
: > >dentists appointment. Can anyone out there answer the following:  
: >  
: > It's nice to have, but I wonder why anyone would use the autopatch  
: > to make doctors or dentists appointments.  
: >  
: > ... Take my advice, I don't use it anyway.

: Your advice SUCKS. What in the world is the autopatch for? WRONG.  
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: use it for I CAN use it for (within the law). Why should the law limit  
: it to, essentially, anything but running a business on ham radio, and  
: then an idiot like you come along and LIMIT IT FURTHER, to WHATEVER YOU  
: FEEL is 'inappropriate'?????????  
: We dont need bully channel-cops like you around. Go beat your kids  
: into submission again and get the hell off this newsgroup. We already  
: have part 97 and its QUITE CLEAR on what it allows and doesnt allow,  
: and the intent of the latest change was CLEARLY to ALLOW amateurs to do  
: things like order pizzas and make dentist appointments on the patch.  
: The economics of patches in areas where each call costs money dictates  
: the use of the patch only when necessary... in areas where all local  
: calls are free, IT DOESNT. So, USE THE PATCH WHENEVER YOU FEEL LIKE IT,  
: HAMS.. Just stay within the LAW, not the holier-than-thou ideals of  
: no-brain OLD FARTS like THIS GUY!!!!

Having read the basenote and these responses, I must say that I find Brad Ward's advice sound. The response from the gentleman at Harvard has convinced me that I would not want to have any telephone call about my

personal health transmitted on an amateur repeater. You never know who's listening ;-)

David GM4ZNX

-----  
Date: 9 May 1994 15:00:10 GMT  
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!wupost!bigfoot.wustl.edu!cec3!  
j1w3@network.ucsd.edu  
Subject: personal autopatch calls  
To: info-hams@ucsd.edu

ham this. (Dave@harvard.edu) wrote:

: Your advice SUCKS. What in the world is the autopatch for? WRONG.  
: Whatever YOU answered, its WRONG. Thats because whatever I DECIDE to  
: use it for I CAN use it for (within the law). Why should the law limit  
: it to, essentially, anything but running a business on ham radio, and  
: then an idiot like you come along and LIMIT IT FURTHER, to WHATEVER YOU  
: FEEL is 'inappropriate'????????  
: We dont need bully channel-cops like you around. Go beat your kids  
: into submission again and get the hell off this newsgroup. We already  
: have part 97 and its QUITE CLEAR on what it allows and doesnt allow,  
: and the intent of the latest change was CLEARLY to ALLOW amateurs to do  
: things like order pizzas and make dentist appointments on the patch.  
: The economics of patches in areas where each call costs money dictates  
: the use of the patch only when necessary... in areas where all local  
: calls are free, IT DOESNT. So, USE THE PATCH WHENEVER YOU FEEL LIKE IT,  
: HAMS.. Just stay within the LAW, not the holier-than-thou ideals of  
: no-brain OLD FARTS like THIS GUY!!!!

Oh great. Somebody else who thinks that USING CAPS WILL DRIVE YOUR POINT ACROSS better. Well, it doesn't make any difference, except that if you do it again, you enter the priviliged few who enter my kill-file.

Now I'm not arguing that your point is invalid--I feel that the autopatch should be taken advantage of whenever possible (assuming, of course, a legitimate reason and the unavailability or difficulty in finding a land-line) but we don't need bully-er's like you here. This is supposedly to be a friendly forum, believe it or not, or do you want to form a newsgroup alt.flame.brad.ward.for.having.his.own.opinion.and.advice?????

Gees!!! Why wouldn't someone not want to use an autopatch??? How would like everybody in a 50 mile radius from the transmitter know that you're going in to the doctor to treat um. . .impotence??? Just a case in point! If you

don't like his opinion or advice, fine; but you don't have to try to reduce him to nothing, it'll backfire on you!!!!

--jesse (FCC is still sitting on my application)

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Date: 9 May 1994 14:44:22 GMT  
From: tymix.Tymnet.COM!niagara!flanagan@uunet.uu.net  
Subject: Sick Ham  
To: info-hams@ucsd.edu

>>My Dad is an older Ham who does not get to spend much time on the air anymore  
>>and has never really become interested in computers. He is currently very sick  
>>and a few QSL cards would sure cheer him up. His call letters are K3NSN and I  
>>assume his address is listed in the callbook.

>>>

>>>Call-Sign: K3NSN                      Class: GENERAL  
>>>Real Name: CHARLES I WAUGH JR        Birthday: DEC 8, 1920  
>>>Mailing Address: 1602 CRESTON ST, PHILADELPHIA, PA 19149  
>>>Valid From: NOV 25, 1986              To: NOV 25, 1996

>>

>Err, with a name like "Kensy-Rudick", I'm a little surprised her "dad" is  
>named Waugh.

Ms. Kensy-Rudick was asked about this on CIS and she confirmed that this gentleman was, indeed, her father.

I, too, was concerned about the name issue, but she cleared it up and added a warm thanks to all who might be able to send her father a card.

This is not to say that Mr. Waugh may not some day turn out to be another "legend," :-) but at least he seems to be quite legitimate now.

My card went off yesterday.

73,

Dick, W6OLD

--

Dick Flanagan, W6OLD  
dick@libelle.com

w6old@n6qmy.#nocal.ca.usa.na  
CIS:73672,751 GENie:FLANAGAN

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Date: 9 May 94 16:25:54 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: Speaker-Mics for Kenwood HTs (advice wanted)

To: info-hams@ucsd.edu

<mrw13@columbia.edu> (Marc Wollemborg) writes:

I'm interested in getting opinions as to which of the four Kenwood speaker-mics would be best for use in a high noise environment. Basically I'm going to be carrying my HT around an airport tarmac and I want to know which speaker-mic would have the best audio output with the volume turned up.

I would recommend a GOOD earmic for that environment. IMHO a bull horn on the shoulder is not always enough on a flight line. The noise cancellation of the ear piece will make it much easier to hear the radio. I made the mistake of going for a cheap earmic, the problem is low audio out when I transmit, I have since played with a better earmic that did not cost that much more and had good results. Of course, you do look like you're talking to yourself when you use one, but I do that anyway. :-)

73

-----  
Wm. A. Kirsanoff                      Internet: WAKIRSAN@ananov.remnet.ab.com  
Rockwell International              Ham: KD6MCI  
(714) 762-2872  
Alternate Internet: william\_a.\_kirsanoff@ccmail.anatcp.rockwell.com  
-----  
Who are you? \* I am number 2. \* Who is number 1? \* You are number 6.  
-----

-----  
Date: 9 May 1994 14:42:40 GMT  
From: yale.edu!noc.near.net!hopscotch.ksr.com!jfw@yale.arpa  
Subject: Was this a bad idea?  
To: info-hams@ucsd.edu

hoagy@illuminati.io.com (Sir Hoagy) writes:  
>"This is unlicensed Matthew T. Rupert. I've got a bad accident  
> out here at <such and such>. Need ambulance and emergency response.  
> Will stand by and repeat"

>Since I was unlicensed, was it illegal for me to use my radio  
>on an amateur frequency for this situation?

According to the Communications Act of 1934, if life or property was at stake, it was not illegal for you to use any radio communications equipment at hand for emergency communications.

You did precisely the right thing.

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End of Info-Hams Digest V94 #506

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